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Introduction to Applied Phonetics - Mary Louise Edwards - 1986
Helps students in communication disorders and linguistics to learn basic phonetic transcription

Phonetics - Martin J Ball - 2014-02-04
In their comprehensive new introduction to phonetics, Ball and Rahilly offer a detailed explanation of the process of speech production, from the anatomical initiation of sounds and their modification in the larynx, through to the final articulation of vowels and consonants in the oral and nasal tracts. This textbook is one of the few to give a balanced account of segmental and suprasegmental aspects of speech, showing clearly that the communication chain is incomplete without accurate production of both individual speech sounds (segmental features) and aspects such as stress and intonation (suprasegmental features). Throughout the book the authors provide advice on transcription, primarily using the International Phonetic Alphabet (IPA). Students are expertly guided from basic attempts to record speech sounds on paper, to more refined accounts of phonetic detail in speech. The authors go on to explain acoustic phonetics in a manner accessible both to new students in phonetics, and to those who wish to advance their knowledge of key pursuits in the area, including the sound spectrograph. They describe how speech waves can be measured, as well as considering how they are heard and physiological and neurological aspects of hearing and examining the methods of psychoacoustic experimentation. A range of instrumentation for studying speech production is also presented. The next link is acoustic phonetics, the study of speech transmission. Here the authors introduce the basic concepts of sound acoustics and the instrumentation used to analyse the characteristics of speech waves. Finally, the chain is completed by examining auditory phonetics, and providing a fascinating psychoacoustic experimentation, used to determine what parts of the speech signal are most crucial for listener understanding. The book concludes with a comprehensive survey and description of modern phonetic instrumentation, from the sound spectrograph to magnetic resonance imaging (MRI).

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**The MIT Encyclopedia of Communication Disorders** - Massachusetts Institute of Technology - 2004
This volume offers almost 200 detailed entries covering the entire range of communication and speech disorders in children and adults, from basic science to clinical diagnosis. It is divided into four sections that reflect the standard categories with the field: voice, speech, language and hearing.

**Voice Therapy for Adolescents** - Moya L. Andrews - 1988

**Encyclopedia of Language and Linguistics** - - 2005-11-24
The first edition of ELL (1993, Ron Asher, Editor) was hailed as "the field's standard reference work for a generation". Now the all-new second edition matches ELL's comprehensiveness and high quality, expanded for a new generation, while being the first encyclopedia to really exploit the multimedia potential of linguistics. The most authoritative, up-to-date, comprehensive, and international reference source in its field * An entirely new work, with new editors, new authors, new topics and newly commissioned articles with a handful of classic articles * The first Encyclopedia to exploit the multimedia potential of linguistics through the online edition * Ground-breaking and International in scope and approach * Alphabetically arranged with extensive cross-referencing * Available in print and online, priced separately. The online version will include updates as subjects develop ELL2 includes: * c. 7,500,000 words * c. 11,000 pages * c. 3,000 articles * c. 1,500 figures: 130 halftones and 150 colour * Supplementary audio, video and text files online * c. 3,500 glossary definitions * c. 39,000 references * Extensive list of commonly used abbreviations * List of languages of the world (including information on no. of speakers, language family, etc.) * Approximately 700 biographical entries (now includes contemporary linguists) * 200 language maps in print and online Also available online via ScienceDirect - featuring extensive browsing, searching, and internal cross-referencing between articles in the work, plus dynamic linking to journal articles and abstract databases, making navigation flexible and easy. For more information, pricing options and availability visit www.info.sciedirect.com. The first Encyclopedia to exploit the multimedia potential of linguistics Ground-breaking in scope - wider than any predecessor An invaluable resource for researchers, academics, students and professionals in the fields of: linguistics, anthropology, education, psychology, language acquisition, language pathology, cognitive science, sociology, the law, the media, medicine & computer science. The most authoritative, up-to-date, comprehensive, and international reference source in its field

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The Phonetic Transcription of Disordered Speech - Martin John Ball - 1996
Phonetic transcription is an area of increasing interest for clinicians treating a wide range of speech and language disorders, and in this book Ball, Rahilly, and Tench present the latest symbol systems for accurate transcription at the phonetic, segmental, prosodic, and discourse levels for use in a clinical context and illustrate their use with various speech and language disorders. Key features include presentation of symbol sets for transcription of disordered speech and voice in context of phonetic transcription as a whole; illustrations of use of transcription with a wide range of disorders; methods for training students in clinical transcription; and importance of narrow, detailed transcription to accurate diagnosis.

Concise Encyclopedia of Applied Linguistics - Margie Berns - 2010-03-20
Concise Encyclopedia of Applied Linguistics formalizes, organizes and analyzes the relation of knowledge about language to decision-making in practice. It synthesizes research in psycholinguistics, educational linguistics and sociolinguistics, freely crossing subject fields to establish innovative and expert responses to some of the key debates in the field. Authored and compiled by leaders in their various specialties and collated and extensively re-edited from the award-winning Encyclopedia of Language and Linguistics, Second Edition, this collection will be an ideal one-stop desk reference solution for any linguistics professional and researcher interested in how language operates at the leading edge. Authoritative review of this dynamic field placed in an interdisciplinary context Over 100 articles by leaders in the field Compact and affordable single-volume format
missionaries translating the Bible into a little-known tongue, and scholars obtaining data from a carefully controlled group in a laboratory experiment. Phonetic Data Analysis examines the procedures involved in describing the sounds of a language and illustrates the basic techniques of experimental phonetics, most of them requiring little more than a tape recorder, a video camera, and a computer. This book enables readers to work with a speaker in a classroom setting or to go out into the field and make their own discoveries about how the sounds of a language are made. Peter Ladefoged, one of the world’s leading phoneticians, introduces the experimental phonetic techniques for describing the major phonetic characteristics of any language. Throughout the book there are also comments, written in a more anecdotal fashion, on Ladefoged’s own fieldwork.

Phonetic Data Analysis - Peter Ladefoged - 2003-09-26
Describing how people talk requires recording and analyzing phonetic data. This is true for researchers investigating the variant pronunciations of street names in Los Angeles, missionaries translating the Bible into a little-known tongue, and scholars obtaining data from a carefully controlled group in a laboratory experiment. Phonetic Data Analysis examines the procedures involved in describing the sounds of a language and illustrates the basic techniques of experimental phonetics, most of them requiring little more than a tape recorder, a video camera, and a computer. This book enables readers to work with a speaker in a classroom setting or to go out into the field and make their own discoveries about how the sounds of a language are made. Peter Ladefoged, one of the world’s leading phoneticians, introduces the experimental phonetic techniques for describing the major phonetic characteristics of any language. Throughout the book there are also comments, written in a more anecdotal fashion, on Ladefoged’s own fieldwork.

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Phonetics - Ratree Wayland - 2018-12-06
An accessible and comprehensive breakdown of how speech is produced, acoustically-transmitted, analyzed, and interpreted by the human brain.

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Children's Phonology Disorders - Evelyn James Williams - 1994

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Opuscula Altaica - Edward H. Kaplan - 1994

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Articulation and Phonological Disorders - John E. Bernthal - 1988

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Cleft Palate - Karlind T. Moller - 1993

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A Course in Phonetics - Peter Ladefoged - 2014-01-03
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**Phonetics and Phonology** - Marina Cláudia Vigário - 2009
The papers included in the volume "Phonetics and Phonology: Interactions and interrelations" are concerned with some of the multiple possible forms of interactions and interrelations in phonetics and phonology: the phonetic and/or phonological nature of speech patterns, segmental and prosodic interactions, and interactions between segments and features, both in child and in adult language, combining perception and production data, and doing so from theoretically as well as experimentally oriented perspectives. The book is unique in the universe of recent publications for its topic, wide scope and coherent thematic content. It is of interest to all researchers, teachers and students in the fields of phonetics and phonology as well as to those interested in the interplay between production and perception, the organization of grammar and language typology. In general, "Phonetics and Phonology. Interactions and interrelations" may be a useful companion to all those wishing to widen and deepen their knowledge of the sound structure of language(s).

**Phonetics** - Henning Reetz - 2011-09-23
Companion website, featuring additional resources such as sound files, can be found here: http://www.blackwellpublishing.com/phonetics/ Providing a comprehensive overview of the four primary areas of phonetics, *Phonetics: Transcription, Production, Acoustics, and Perception* is an ideal guide to the complete study of speech and sound. An accessible but in-depth introductory textbook on the basic concepts of phonetics Covers all four areas of phonetics: transcription, production, acoustics, and perception Offers uniquely thorough coverage of related relevant areas, including vocal fold vibration and the working of the ear, creating an engagingly flexible work for instructors Includes chapter-by-chapter exercises, enabling students to put their knowledge into practice Written in a clear and concise style by two of the field’s leading scholars
An Introduction to Language Description -
John Rhoades - 2014-06-30
This book introduces the basic systems of language, and examines how these can be investigated and described. The systems of organizing speech sounds (phonology), meaning (lexical semantics), and grammar (morphology and syntax) are described, along with methods of figuring these out for other languages. The text will foster a deep appreciation in the reader of the fact that language is patterned and that these patterns can be discovered. To this end, problems using actual language data are presented so that the reader can apply the methods described in the book. In a sense, An Introduction to Language Description is a workbook in linguistic analysis where the reader can actually get involved in dealing with language data. Suggested solutions are provided following the exercises. The book has an anthropological outlook with a focus upon usage, not correctness. Further, language structures are not presented as abstract puzzles divorced from actual human speech communication. Throughout each chapter, references are made to humans speaking and choosing among structural elements. This is designed to ground the presentation in the realities of speech; a reality that each reader shares as a language user.

Whitaker's Cumulative Book List - - 1986
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Indip - Källs - British Library - 1988
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Linguistics for Everyone: An Introduction -
Kristin Denham - 2012-01-01
LINGUISTICS FOR EVERYONE: AN INTRODUCTION, Second Edition, will capture the interest of all students, regardless of major, and offer them a thorough, engaging introduction to the science of language. To achieve this goal, the authors devised a unique arrangement of chapters that distinguishes this book from conventional introductory linguistics textbooks. Without sacrificing rigor, the authors focus on larger themes rather than on technical details or formal analysis. The book opens with a strong introductory chapter addressing basics such as how to define language, prescriptive versus descriptive grammar, differences between the human language system and other animal communication systems, and so on. The second chapter, devoted to language, mind, and brain, addresses both psycholinguistic and neurolinguistic evidence for humans' innate capacity for language. To address core linguistics areas in depth, there are two chapters each on phonetics and phonology, morphology, syntax,
speech and its communicative function, all of its features relate the study of linguistics to the language we use in the real world and every chapter includes innovative and varied activities that review and practice the content and offer your students many opportunities to apply the knowledge in their own lives. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

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Speech is the most effective medium humans use to exchange and transmit knowledge, ideas and experiences. It exists physiologically as neural and muscular activity, and subsequent articulatory, acoustic and auditory events, and as an abstract, rule-governed system at the psychological level. Together, both levels produce communication by speech. To appreciate speech and its communicative function, all of its characteristics must be understood. This book offers the most comprehensive and accessible coverage of the three areas of phonetics: articulatory, acoustic, and auditory or speech perception. Students without a linguistics background can be daunted by phonetics, so clear language is used to define linguistics and phonetics concepts with examples and illustrations to ensure understanding. Furthermore, each chapter concludes with comprehension exercises to reinforce understanding. Online exercises and recordings of speech stimuli from various languages provide additional opportunity to hone perception, production, phonetic transcription skills and acoustic analysis measurement practice.

**The Oxford Handbook of Laboratory Phonology** - Abigail C. Cohn - 2012
This book provides state-of-the-art coverage of research in laboratory phonology. Laboratory phonology denotes a research perspective, not a specific theory: it represents a broad community of scholars dedicated to bringing interdisciplinary experimental approaches and methods to bear on how spoken language is structured, learned and used; it draws on a wide
work in this vibrant field. Natural sciences. This book describes the investigative approaches, disciplinary perspectives, and methods deployed in laboratory phonology, and highlights the most promising areas of current research. Part one introduces the history, nature, and aims of laboratory phonology. The remaining four parts cover central issues in research done within this perspective, as well as methodological resources used for investigating these issues. Contributions to this volume address how laboratory phonology approaches have provided insight into human speech and language structure and how theoretical questions and methodologies are intertwined. This Handbook, the first specifically dedicated to the laboratory phonology approach, builds on the foundation of knowledge amassed in linguistics, speech research and allied disciplines. With the varied interdisciplinary contributions collected, the Handbook advances work in this vibrant field.

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Articulatory Phonetics - Bryan Gick - 2012-11-07
Articulatory Phonetics presents a concise and non-technical introduction to the physiological processes involved in producing sounds in human speech. Traces the path of the speech production system through to the point where simple vocal sounds are produced, covering the nervous system, and muscles, respiration, and phonation. Introduces more complex anatomical concepts of articulatory phonetics and particular sounds of human speech, including brain anatomy and coarticulation. Explores the most current methodologies, measurement tools, and theories in the field. Features chapter-by-chapter exercises and a series of original illustrations which take the mystery out of the anatomy, physiology, and measurement techniques relevant to speech research. Includes a companion website at www.wiley.com/go/articulatoryphonetics with additional exercises for each chapter and new, easy-to-understand images of the vocal tract and of measurement tools/data for articulatory phonetics teaching and research. Password protected instructor's material includes an answer key for the additional exercises.

Readings in English Phonetics and Phonology - María Inmaculada Arboleda-Guirao - 2014-06-11
The teaching of the phonetics and the phonology of British English to undergraduate students is often based on a bare, uncritical presentation of facts as they are usually portrayed in classic publications such as Gimson-Cruttenden, Collins & Mees, Roach, Car, etc. While they present a welcome canonical view of language, there is a danger that students will end up holding a quasi-dogmatic opinion of the phonology of English, with little awareness of other views and approaches. In an attempt to overcome this limitation, the contributors to this volume have tried to combine theory and praxis in tackling different aspects of the phonology of English. The result is this book of readings which will hopefully provide students with reliable and up-to-date information on key issues both at segmental and supra-segmental level.

General Register - University of Michigan - 1939
Announcements for the following year included in some vols.

Working Papers of the Cornell Phonetics Laboratory - - 1996

University of Michigan Official Publication - - 1939

The Routledge Handbook of Spanish Phonology - Sonia Colina - 2019-12-20
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The Routledge Handbook of Spanish Phonology - Sonia Colina - 2019-12-20
The Routledge Handbook of Spanish Phonology brings together leading experts in Spanish phonology to provide a state-of-the-art survey of the field. The five sections present current research on the phonological structure of Spanish including the most prominent segmental processes, suprasegmental features, the ways Spanish phonology interacts with other modules of grammar, the acquisition of Spanish phonology by first and second language learners, and an analysis of phonological variation and sound change. This volume provides comprehensive and detailed coverage of Spanish phonology. It addresses major burning questions and pressing issues that have arisen in the study of Spanish phonology, and is an essential reading resource for graduate students and researchers in the field.

Phonetic Interpretation - John Local - 2004-02-12
First published in 2003, Phonetic Interpretation presents innovative work from four core areas: phonological representations and the lexicon, phonetic interpretation and phrasal structure, phonetic interpretation and syllable structure, and phonology and natural speech production. Written by major figures in the fields of phonetics, phonology and speech perception, the chapters in this volume use a wide range of laboratory and instrumental techniques to analyse the production and perception of speech, their aim being to explore the relationship between the sounds of speech and the linguistic organisation that lies behind that. The chapters present evidence of the lively intellectual engagement of laboratory phonology practitioners with the complexities and richness of human language. The book continues the tradition of the series, Papers in Laboratory Phonology, by bringing linguistic theory to bear on an essential problem of linguistics: the relationship between mental models and the physical nature of speech.

Brain Organization of Language and Cognitive Processes - Alfredo Ardila - 2012-12-06
Neuropsychology has presented a particularly formidable array of developments during recent years. The number of methods, theoretical approaches, and publications has been steadily increasing, permitting a step-by-step approach to a deeper understanding of the tremendously complex relationships existing between brain and behavior. This volume was planned as a collection of papers that, in one way or another, present new research and clinical perspectives or interpretations about brain-behavior relationships. Some chapters present new research in specific topics, others summarize the evidence for a particular theoretical position, and others simply review the area and suggest new perspectives of research. Consistent with the spirit in which the book was planned, the
A Course in Phonetics - Peter Ladefoged - 2014-01-03
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Human Factors and Voice Interactive Systems - Daryle Gardner-Bonneau - 2013-04-17
Human Factors and Voice Interactive Systems highlights the importance of human factors in speech technologies and presents and demonstrates the use of human factors, principles, methods, techniques, and tools in the design of speech-enabled applications. Included is coverage of automatic speech recognition, synthetic speech, and interactive voice response systems. Some chapters are devoted to specific applications of speech technology, and other chapters are either issue-oriented or provide a
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**Writing Systems and Phonetics** - Alan Cruttenden - 2021-03-17

Writing Systems and Phonetics provides students with a critical understanding of the writing systems of the world. Beginning by exploring the spelling of English, including how it arose and how it works today, the book goes on to address over 60 major languages from around the globe and includes detailed descriptions and worked examples of writing systems which foreground the phonetics of these languages. Key areas covered include: the use of the Latin alphabet in and beyond Europe writing systems of the eastern Mediterranean, Greek and its Cyrillic offshoot, Arabic and Hebrew languages in south and south-east Asia, including Hindi, Tamil, Burmese and Thai, as well as in east Asia, including Chinese, Japanese and Korean reflections on ancient languages such as Sumerian, Egyptian, Linear B and Mayan a final chapter which sets out a typology of writing systems. All of the languages covered are contextualised by authentic illustrations, including road signs, personal names and tables, to demonstrate how theoretical research can be applied to the real world. Taking a unique geographical focus that guides the reader on a journey across time and continents, this book offers an engaging introduction for students approaching for the first time the phonetics of writing systems, their typology and the origins of scripts.

**Forensic Speaker Recognition** - Amy Neustein - 2011-10-05

Forensic Speaker Recognition: Law Enforcement
research findings of 35 speaker recognition experts from around the world. The volume provides a multidimensional view of the complex science involved in determining whether a suspect’s voice truly matches forensic speech samples, collected by law enforcement and counter-terrorism agencies, that are associated with the commission of a terrorist act or other crimes. While addressing such topics as the challenges of forensic case work, handling speech signal degradation, analyzing features of speaker recognition to optimize voice verification system performance, and designing voice applications that meet the practical needs of law enforcement and counter-terrorism agencies, this material all sounds a common theme: how the rigors of forensic utility are demanding new levels of excellence in all aspects of speaker recognition. The contributors are among the most eminent scientists in speech engineering and signal processing; and their work represents such diverse countries as Switzerland, Sweden, Italy, France, Japan, India and the United States.

Forensic Speaker Recognition is a useful book for forensic speech scientists, speech signal processing experts, speech system developers, criminal prosecutors and counter-terrorism intelligence officers and agents.

**The Publishers' Trade List Annual** - - 1979

Forensic Speaker Recognition: Law Enforcement and Counter-Terrorism is an anthology of the research findings of 35 speaker recognition experts from around the world. The volume provides a multidimensional view of the complex science involved in determining whether a suspect’s voice truly matches forensic speech samples, collected by law enforcement and counter-terrorism agencies, that are associated with the commission of a terrorist act or other crimes. While addressing such topics as the challenges of forensic case work, handling speech signal degradation, analyzing features of speaker recognition to optimize voice verification system performance, and designing voice applications that meet the practical needs of law enforcement and counter-terrorism agencies, this material all sounds a common theme: how the rigors of forensic utility are demanding new levels of excellence in all aspects of speaker recognition. The contributors are among the most eminent scientists in speech engineering and signal processing; and their work represents such diverse countries as Switzerland, Sweden, Italy, France, Japan, India and the United States.

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